

ABSTRACT

A prosthetic limb comprises a socket for receiving a patient's residual limb, and an upright assembly. The socket includes a base provided in its distal end. The base includes a chamber therewithin and a channel for providing fluid communication between the chamber and the interior of the socket. A duct extends through the socket and engages the base such that it is in fluid communication with the chamber. A valve is coupled to the duct to allow controlled or forced gas transfer to and from the interior of the socket. A seal is provided between the base and the socket to facilitate suction between the patient's residual limb and the socket.